

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No. **GII5412-1AUSA**
First Inventor **Yongchang Qiu**
Title
Express Mail Label No. **ET033435668US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patent
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **43**]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets ☐
5. ☐ Oath or Declaration [Total Pages **43**]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other: **Assignee information attached**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. INVENTOR'S HOME ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label (Direct Customer 00270)						or <input type="checkbox"/> Correspondence address below	
Name		Cathy A. Kodroff, Esquire					
		Howson and Howson					
Address		Spring House Corporate Center, Box 457					
City		Spring House		State	PA	Zip Code	19477
Country		USA		Telephone	(215)540-9200	Fax	(215)540-5818

Name (Print/Type)	Cathy A. Kodroff	Registration No. (Attorney/Agent)	33,980
Signature	<i>Cathy A. Kodroff</i>	Date	10/22/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Assignee Information

Genetics Institute, Inc.
Cambridge, Massachusetts 02140

01-14-02



PTO/SB/17 (10-01)

Approved for use by the U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1020.00

Complete if Known

Application Number	
Filing Date	10/22/2001
First Named Inventor	Yongchang Qiu et al
Examiner Name	
Group Art Unit	
Attorney Docket No.	GII5412-1AUSA

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **08-3040**

Deposit Account Name **Howson and Howson**

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27.

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	(\$)	(\$)	(\$)	(\$)		
101	740	201	370			Utility filing fee	740.00
106	330	206	165			Design filing fee	
107	510	207	255			Plant filing fee	
108	740	208	370			Reissue filing fee	
114	160	214	80			Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

2. EXTRA CLAIM FEES

Extra Claims Fee from below

Total Claims	-20** =	0	x	18.00	=	0.00	Fee Paid
Independent Claims	3	-3** =	0	x	84.00	=	0.00
Multiple Dependent					280.00	=	280.00

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	(\$)	(\$)	(\$)	(\$)		
103	18	203	9			Claims in excess of 20	
102	84	202	42			Independent claims in excess of 3	
104	280	204	140			Multiple dependent claim, if not paid	
109	84	209	42			** Reissue independent claims over original patent	
110	18	210	9			** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 280.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	(\$)	Code	Code	(\$)		
105	130	205	65			Surcharge - late filing fee or oath	
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
147	2,520	147	2,520			For filing a request for ex parte reexamination	
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	400	216	200			Extension for reply within second month	
117	920	217	460			Extension for reply within third month	
118	1,440	218	720			Extension for reply within fourth month	
128	1,960	228	980			Extension for reply within fifth month	
119	320	219	160			Notice of Appeal	
120	320	220	160			Filing a brief in support of an appeal	
121	280	221	140			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive - unavoidable	
141	1,280	241	640			Petition to revive - unintentional	
142	1,280	242	640			Utility issue fee (or reissue)	
143	460	243	230			Design issue fee	
144	620	244	310			Plant issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Processing fee under 37 CFR 1.17(g)	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	
146	740	246	370			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370			For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370			Request for Continued Examination (RCE)	
168	900	168	900			Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Cathy A. Kodroff	Registration No.	33,980
Signature	<i>Cathy A. Kodroff</i>	Telephone	(215) 540-9200
		Date	10/22/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2638.

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Express Mail No. ET033435668US



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PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of) Group Art Unit:
)
 Yongchang Qiu et al)
)
 Appln No.) Examiner:
)
)
 Filed: Herewith)
) October 22, 2001
 For: ISOTOPE-CODED IONIZATION-ENHANCING)
 REAGENTS (ICIER) FOR HIGH-THROUGHPUT)
 PROTEIN IDENTIFICATION AND QUANTIATION)
 USING MATRIX-ASSISTED LASER DESORPTION)
 IONIZATION MASS SPECTROMETRY)

Box Sequence Listing
 Asst. Commissioner for Patents
 Washington, DC 20231


37 CFR §1.821(f) STATEMENT

Sir:

Applicants are submitting herewith a paper copy and a computer readable form of the Sequence Listing pursuant to 37 CFR §§1.821(c) and (e). The sequence listing information recorded in computer readable form is identical to the written sequence listing (paper copy).

The Director of the US Patent and Trademark Office is authorized to charge any deficiency in the fee associated with the filing of this paper to deposit account 08-3040.

Respectfully submitted,
 HOWSON AND HOWSON
 Attorneys for the Applicants

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